Application No.	Applicant(s)	
09/997,065	KANO, SHIRO	
Examiner	Art Unit	
Andre' C. Stevenson	2812	

Examiner	Nation of Allowahility	09/997,065	KANO, SHIRO		
The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. 1. \[\] This communication is responsive to \(\frac{\lambda}{\lambda} \) 8.2004. 2. \[\] The drawings filed on \(\frac{\lambda}{\lambda} \) 8.2004 are acceptable. 4. \[\] Acknowledgment is made of a claim for foreign priority under 35 U.S. (\$ \frac{\lambda}{\lambda} \) 119(a)-(d) a) \[\] All \[\] b) \[\] Some 'c) \[\] None of the CERTTIFIED copies of the priority documents have been 1. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 3. \[\] received in Application No. (Series Code / Serial Number) 4. \[\] Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e) 5. \[\] Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e) 4. \[\] ASHORTENED STATUTORY PERIOD FOR REPLY to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE 'OATE MAILED' of this Office Action. Failure to timely comply will result in ARNDONNAFT of this application. Extensions of time may be available under the provisions of 37 CFR 1.136(a) 6. \[\] Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s	Notice of Allowability	Examiner	Art Unit		
All daims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. 1. This communication is responsive to July 28, 2004. 2. The allowed claim(s) is vare 2.8 3. The drawings field on 29 November 2001 are acceptable. 4. Achowdedgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d). a) All b) Some* c) None of the CRTIFIED copies of the priority documents have been 1. received. received in Application No. (Series Code / Serial Number) * Certified copies not received. 5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. & 119(e). 4. SHORTENED STATUTORY PERIOD FOR REPLY to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office Action. Failure to timely comply will result in ABANDONNENT of this application. Extensions of time may be available under the provisions of 37 CFR 1.136(a). 6. Note the attached EXAMINER'S AMENDMAIN or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 7. Applicant MUST submit NEW FORMAL DRAWINGS (a) because the originally filed drawings were declared by applicant to be informal. (b) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) atlached 1) hereto or 2) to Paper No. (c) including changes required by the proposed drawing correction filed which has been approved by the examiner. (d) including changes required by the attached Examiner's Amendment / Comment. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal latter addressed to the Official		Andre' C. Stevenson	2812		
2. ☑ The allowed claim(s) is/are 2-8. 3. ☑ The drawings filled on 29 November 2001 are acceptable. 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d). a) ☐ All b) ☐ Some c) ☐ None of the CERTIFIED copies of the priority documents have been 1. ☐ received. 2. ☐ received in Application No. (Series Code / Serial Number). 3. ☐ received in his national stage application from the International Bureau (PCT Rule 17.2(a)). **Certified copies not received:	All claims being allowable, PROSECUTION ON THE MERITS IS	(OR REMAINS) CLOSED in this a	pplication. If not include	d	
2. received in Application No. (Series Code / Serial Number). 3. received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received:	 2.		nts have been		
3.		rial Number).			
* Certified copies not received:	·· · · · · · · · · · · · · · · · · · ·				
5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e). A SHORTENED STATUTORY PERIOD FOR REPLY to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE 'DATE MAILED' of this Office Action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be available under the provisions of 37 CFR 1.136(a). 6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 7. ☐ Applicant MUST submit NEW FORMAL DRAWINGS (a) ☐ because the originally filed drawings were declared by applicant to be informal. (b) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No (c) ☐ including changes required by the proposed drawing correction filed, which has been approved by the examiner. (d) ☐ including changes required by the attached Examiner's Amendment / Comment. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 ☐ Notice of References Cited (PTO-892) 2 ☐ Notice of Informal Patent Application (PTO-152) 4 ☐ Examiner's Amendment/Comment 7 ☐ Examiner's Statement of Reasons for Allowance		`	· ''		
THREE MONTHS FROM THE "DATE MAILED" of this Office Action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be available under the provisions of 37 CFR 1.136(a). 6. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 7. Applicant MUST submit NEW FORMAL DRAWINGS (a) because the originally filed drawings were declared by applicant to be informal. (b) including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached 1) hereto or 2) to Paper No. (c) including changes required by the proposed drawing correction filed which has been approved by the examiner. (d) including changes required by the attached Examiner's Amendment / Comment. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Informal Patent Application (PTO-152) 4 Interview Summary (PTO-413), Paper No. 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 4 Interview Summary (PTO-413), Paper No. 5 Information Disclosure Statements (PTO-1449), Paper No. 6 Examiner's Amendment/Comment 8 Examiner's Comment Regarding Requirement for Deposit					
the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED. 7. Applicant MUST submit NEW FORMAL DRAWINGS (a) because the originally filed drawings were declared by applicant to be informal. (b) including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached 1) hereto or 2) to Paper No (c) including changes required by the proposed drawing correction filed, which has been approved by the examiner. (d) including changes required by the attached Examiner's Amendment / Comment. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Informal Patent Application (PTO-152) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 4 Interview Summary (PTO-413), Paper No 5 Information Disclosure Statements (PTO-1449), Paper No. 2. 5 Information Disclosure Statements (PTO-1449), Paper No. 2. 6 Examiner's Comment Regarding Requirement for Deposit	THREE MONTHS FROM THE "DATE MAILED" of this Office Action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be available under the provisions of 37 CFR 1.136(a).				
(a) ☐ because the originally filed drawings were declared by applicant to be informal. (b) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No (c) ☐ including changes required by the proposed drawing correction filed, which has been approved by the examiner. (d) ☐ including changes required by the attached Examiner's Amendment / Comment. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 Notice of References Cited (PTO-892) 2 Notice of Informal Patent Application (PTO-152) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 4 Interview Summary (PTO-413), Paper No 5 Information Disclosure Statements (PTO-1449), Paper No. 2. 6 Examiner's Amendment/Comment Regarding Requirement for Deposit 8 Examiner's Statement of Reasons for Allowance	the oath or declaration is deficient. A SUBSTITUTE OAT	H OR DECLARATION IS REQUIR	₹ED.	()	
(c) ☐ including changes required by the proposed drawing correction filed, which has been approved by the examiner. (d) ☐ including changes required by the attached Examiner's Amendment / Comment. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1☑ Notice of References Cited (PTO-892) 3☐ Notice of Braftperson's Patent Drawing Review (PTO-948) 5☑ Information Disclosure Statements (PTO-1449), Paper No. 2. 6☐ Examiner's Amendment/Comment 7☐ Examiner's Comment Regarding Requirement for Deposit 8☑ Examiner's Statement of Reasons for Allowance	 (a) ☐ because the originally filed drawings were declared by (b) ☐ including changes required by the Notice of Draftsper 		O-948) attached		
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8.	• • • • • • • • • • • • • • • • • • • •	correction filed . which has	been approved by the ex	xaminer.	
drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson. 8. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 5 Information Disclosure Statements (PTO-1449), Paper No. 2. 6 Examiner's Amendment/Comment 7 Examiner's Comment Regarding Requirement for Deposit					
Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1 Notice of References Cited (PTO-892) 3 Notice of Draftperson's Patent Drawing Review (PTO-948) 5 Information Disclosure Statements (PTO-1449), Paper No. 2. 6 Examiner's Amendment/Comment 7 Examiner's Comment Regarding Requirement for Deposit 8 Examiner's Statement of Reasons for Allowance	drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official				
applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included. Attachment(s) 1☑ Notice of References Cited (PTO-892) 3☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 5☑ Information Disclosure Statements (PTO-1449), Paper No. 2. 6☐ Examiner's Amendment/Comment 7☐ Examiner's Comment Regarding Requirement for Deposit 8☑ Examiner's Statement of Reasons for Allowance	8. Note the attached Examiner's comment regarding REQUII	REMENT FOR THE DEPOSIT OF	BIOLOGICAL MATERIA	٠. ١٤.	
1⊠ Notice of References Cited (PTO-892) 3□ Notice of Draftperson's Patent Drawing Review (PTO-948) 5⊠ Information Disclosure Statements (PTO-1449), Paper No. 2. 7□ Examiner's Comment Regarding Requirement for Deposit 2□ Notice of Informal Patent Application (PTO-152) 4□ Interview Summary (PTO-413), Paper No 6□ Examiner's Amendment/Comment 8⊠ Examiner's Statement of Reasons for Allowance	applicant has received a Notice of Allowance and Issue Fee Due,				
1⊠ Notice of References Cited (PTO-892) 3□ Notice of Draftperson's Patent Drawing Review (PTO-948) 5⊠ Information Disclosure Statements (PTO-1449), Paper No. 2. 7□ Examiner's Comment Regarding Requirement for Deposit 2□ Notice of Informal Patent Application (PTO-152) 4□ Interview Summary (PTO-413), Paper No 6□ Examiner's Amendment/Comment 8⊠ Examiner's Statement of Reasons for Allowance	Attachment(s)				
3 ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 4 ☐ Interview Summary (PTO-413), Paper No 5 ☐ Information Disclosure Statements (PTO-1449), Paper No. 2. 6 ☐ Examiner's Amendment/Comment 7 ☐ Examiner's Comment Regarding Requirement for Deposit 8 ☐ Examiner's Statement of Reasons for Allowance		2☐ Notice of Infor	mal Patent Application (F	PTO-152)	
7☐ Examiner's Comment Regarding Requirement for Deposit 8☒ Examiner's Statement of Reasons for Allowance					
of Biological Material 9 Other	7 Examiner's Comment Regarding Requirement for Deposit	8⊠ Examiner's St		Nlowance	
	of Biological Material	9 Other			

Application/Control Number: 09/997,065

Art Unit: 2812

Allowable Subject Matter

Page 2

Claims #2 through 8 are allowed.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866 – 217 – 9197 (toll-free).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andre C. Stevenson whose telephone number is (571) 272 1683. The examiner can normally be reached on Monday through Friday from 8:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Niebling, can be reached on (571) 272 1683. The fax phone number for the organization where this application or proceeding is assigned is (703) 308 7724.

Application/Control Number: 09/997,065 Page 3

Art Unit: 2812

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308 1782. Also, the proceeding number can be used to fax information;

• (703) 872-9306

Andre C. Stevenson

Art Unit 2812

09/13/04

Y John F. Niebling Supervisory Patent Examiner Technology Center 2800